

Connectorized FutureCom™ LANscape® Patch Panels 19"

24 FutureCom S500 modules, Cat. 6_A, black

CORNING

The FutureCom S500 patch panel offers over high performance structured cabling the needed bandwidth to all network areas, whether in the Datacentre or in the high performance LAN. The FutureCom S500 copper connectivity system provides the highest margins for transmission of digital data signals for future applications of systems up to 10GbE according to the Class EA (ISO/IEC 11801 Amd 2: 2009), Cat.6A (ANSI/TIA/EIA 568B.2-10), EN 50173 and IEC 60603-7-5 Ed. 1.0. The S500 connectivity system is also fully compatible with Power over Ethernet (PoE) applications in compliance with IEEE 802.3af (2003) and the new PoE Plus applications.

Features

- Easy and quick installation of system modules
- Recyclable, high-grade steel, stainless
- Two standardised grounding latches
- Integrated cable strain relief for optimal strain relief of each cable
- No specific tools required
- IDC connection (IDC = Insulation Displacement Contacts)
- Category 6_A



Specifications

General Specifications	
Application	10GBase-T
Bandwidth	500 MHz
Halogen-free	Yes
Transmission Performance Link	Class E _A (ISO/IEC 11801 AMD 1:2008 and AMD 2:2010), EN 50173-1 and 2, Cat.6A (ANSI/TIA/EIA 568B.2-10)
Component Standard	ISO/IEC 11801 Amd.2 (2010), ANSI/TIA/EIA-568-B.2-10
Dust Protection	Yes

Temperature Range

Operation	-20 °C to 70 °C
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Design - Hardware

Number of Ports	24
Height Unit	1U
Colour	high-grade steel
Housing Material	Steel, RAL 9005

Mechanical Characteristics

Cut Out	LANscape
Dimensions (L x W x H)	483 mm x 44 mm x 152 mm
Durability of RJ45 Jack	> 1500
Durability of RJ45 Jack (PoE)	> 750
IDC Contacts	Suitable for AWG 24-22 solid wires
Reproducibility	Several times reusable

Electrical characteristics (at 20°C)

Transfer Impedance	≤ 200 mΩ
Input to output DC Resistance Unbalance	≤ 50 mΩ
Ampacity	≥ 750 mA
Insulation Resistance	≥ 500 MΩ
Electric strength DC (conductor/conductor)	≥ 1000 V
Electrical strength DC (conductor/test plate)	≥ 1500 V

Chemical characteristics

Flame Retardance	Class UL94 V-0
RoHS	Free of hazardous substances according to RoHS 2002/95/EG
Environmental Compatibility	Recyclable and free of heavy metal

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Ordering Information

Part Number	CAXASV-02408-C001
Product Description	S500 Patch Panel 19", Cat.6 _A , shielded, 10GBase-T for class E _A , including 24 FutureCom™ S500 modules, with integrated cable strain relief, 1U
EAN Code	4042673304050
Weight	1.43 kg

Shipping Information

Units per Delivery	1/1
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